EXHIBIT 5

Plaintiff's Preliminary Infringement Contentions for Domino's Pizza LLC, including exhibits (if any)

U.S. Patent No. Re. 36,111 Claim 1	Domino's
1. A system for direct routing a telephone call from a first party who has an originating telephone number at a specific location defined by latitude and longitude coordinates who dials a telephone number including digits uniquely characteristic to a second party having a plurality of service locations, said system comprising:	Domino's Pizza LLC ("Domino's") has multiple service locations. Calls placed to, e.g., 1-800-DOMINOS are routed to appropriate service locations as determined by Domino's criteria and the originating phone number. <i>See</i> Exh. 4A, website entitled Customer Service Phone Numbers and Contact Information, found at http://www.dominos.com/Public-EN/Site+Content/Primary/Find+ https://www.dominos/Questions+About+Your+Search/ , last accessed October 23, 2007.
means for allocating individual latitude and longitude coordinates to each originating telephone number of all potential first parties;	The system used by Domino's allocates the caller's ANI (Automatic Number Identification) to latitude and longitude coordinates. A person having ordinary skill in the art would normally provide this functionality using readily available, programs, data bases, tables or other instrumentalities that convert telephone numbers to addresses, ZIP codes, ZIP+4 codes or other location identifiers. A well known example of this is a reverse telephone directory. Addresses, ZIP codes and ZIP+4 codes may then be geocoded to latitudes and longitudes using geographic information systems (GISs), geocoding data bases or other instrumentalities such as ESRI and MapInfo.
means for defining the boundaries of one or more geographical areas which can be of any size and shape according to predetermined criteria, each point along said boundaries being defined by latitude and longitude coordinates;	Domino's defines geographic areas using predetermined criteria. A person having ordinary skill in the art would normally provide this functionality using readily available programs or manual means to define boundaries with latitudes and longitudes. Examples of programs and manual means include GIS and physical overlay mapping.
means for assigning to each originating telephone number of said potential first parties a telephone number of a service location of a second party that will receive calls originating from within the boundary of a geographic area defined by said means for defining in which the individual latitude and longitude coordinates of the specific location of each of said potential first parties lie;	The system used by Domino's assigns the telephone number of the appropriate Domino's service location to the telephone number of the caller. A person having ordinary skill in the art would normally provide this functionality using readily available programs that determine whether a point lies within a boundary. Examples of such programs are GISs. The GIS programs use "point-in-polygon" (PIP) algorithmic techniques such as ray casting or winding numbers. The telephone number of the service location of the second party is

	1 1 1 1 1 1 1 1
	associated with each geographic boundary is
	included with other data about the geographic
	area within the GIS or similar program. Once
	the PIP technique has identified which geographic area the latitude and longitude of
	the first party lies within, a union is made
	between the telephone number of the first party and the telephone number of the service
	location of the second party.
means for determining the originating telephone	The system used by Domino's uses the ANI to
number of the first party from which said	determine the caller's originating telephone
telephone call is to be routed; and	number. A person having ordinary skill in the
terepriorie cuir is to be routed, und	art would normally provide this functionality
	using readily available signaling protocols such
	as SS7 to obtain the ANI from the transmission
	or data networks that are part of the
	telecommunication network. For example, the
	SS7 Initial Address Message (IAM) includes
	the originating telephone number.
direct routing means for direct routing said	The system used by Domino's uses a database
telephone call to a service location of the	or look-up table in conjunction a
second party assigned to said originating	telecommunications switching network to direct
telephone number of the first party by said	route the call to the appropriate Domino's
means for assigning.	service location.
U.S. Patent No. Re. 36,111	Ilomino/c
	Domino's
Claim 2	
Claim 2 2. The system of claim 1 wherein said means	Domino's uses a database to allocate the
Claim 2 2. The system of claim 1 wherein said means for allocating, defining and assigning are	
Claim 2 2. The system of claim 1 wherein said means	Domino's uses a database to allocate the caller's ANI to latitude and longitude
Claim 2 2. The system of claim 1 wherein said means for allocating, defining and assigning are	Domino's uses a database to allocate the caller's ANI to latitude and longitude coordinates, to define geographic areas using
Claim 2 2. The system of claim 1 wherein said means for allocating, defining and assigning are	Domino's uses a database to allocate the caller's ANI to latitude and longitude coordinates, to define geographic areas using predetermined criteria, and to assign the
Claim 2 2. The system of claim 1 wherein said means for allocating, defining and assigning are comprised by a database.	Domino's uses a database to allocate the caller's ANI to latitude and longitude coordinates, to define geographic areas using predetermined criteria, and to assign the telephone number of the appropriate Domino's service location to the telephone number of the caller.
Claim 2 2. The system of claim 1 wherein said means for allocating, defining and assigning are comprised by a database. U.S. Patent No. Re. 36,111	Domino's uses a database to allocate the caller's ANI to latitude and longitude coordinates, to define geographic areas using predetermined criteria, and to assign the telephone number of the appropriate Domino's service location to the telephone number of the
Claim 2 2. The system of claim 1 wherein said means for allocating, defining and assigning are comprised by a database. U.S. Patent No. Re. 36,111 Claim 3	Domino's uses a database to allocate the caller's ANI to latitude and longitude coordinates, to define geographic areas using predetermined criteria, and to assign the telephone number of the appropriate Domino's service location to the telephone number of the caller. Domino's
Claim 2 2. The system of claim 1 wherein said means for allocating, defining and assigning are comprised by a database. U.S. Patent No. Re. 36,111 Claim 3 3. The system of claim 2 wherein said database	Domino's uses a database to allocate the caller's ANI to latitude and longitude coordinates, to define geographic areas using predetermined criteria, and to assign the telephone number of the appropriate Domino's service location to the telephone number of the caller. Domino's The database used by Domino's is believed to
Claim 2 2. The system of claim 1 wherein said means for allocating, defining and assigning are comprised by a database. U.S. Patent No. Re. 36,111 Claim 3 3. The system of claim 2 wherein said database resides at a long distance telephone service	Domino's uses a database to allocate the caller's ANI to latitude and longitude coordinates, to define geographic areas using predetermined criteria, and to assign the telephone number of the appropriate Domino's service location to the telephone number of the caller. Domino's The database used by Domino's is believed to be provided to a long distance carrier or
Claim 2 2. The system of claim 1 wherein said means for allocating, defining and assigning are comprised by a database. U.S. Patent No. Re. 36,111 Claim 3 3. The system of claim 2 wherein said database resides at a long distance telephone service provider.	Domino's uses a database to allocate the caller's ANI to latitude and longitude coordinates, to define geographic areas using predetermined criteria, and to assign the telephone number of the appropriate Domino's service location to the telephone number of the caller. Domino's The database used by Domino's is believed to
Claim 2 2. The system of claim 1 wherein said means for allocating, defining and assigning are comprised by a database. U.S. Patent No. Re. 36,111 Claim 3 3. The system of claim 2 wherein said database resides at a long distance telephone service	Domino's uses a database to allocate the caller's ANI to latitude and longitude coordinates, to define geographic areas using predetermined criteria, and to assign the telephone number of the appropriate Domino's service location to the telephone number of the caller. Domino's The database used by Domino's is believed to be provided to a long distance carrier or equivalent platform service provider.
Claim 2 2. The system of claim 1 wherein said means for allocating, defining and assigning are comprised by a database. U.S. Patent No. Re. 36,111 Claim 3 3. The system of claim 2 wherein said database resides at a long distance telephone service provider. U.S. Patent No. Re. 36,111 Claim 9 9. A method for direct routing a telephone call	Domino's uses a database to allocate the caller's ANI to latitude and longitude coordinates, to define geographic areas using predetermined criteria, and to assign the telephone number of the appropriate Domino's service location to the telephone number of the caller. Domino's The database used by Domino's is believed to be provided to a long distance carrier or equivalent platform service provider. Domino's Domino's Domino's Calls
Claim 2 2. The system of claim 1 wherein said means for allocating, defining and assigning are comprised by a database. U.S. Patent No. Re. 36,111 Claim 3 3. The system of claim 2 wherein said database resides at a long distance telephone service provider. U.S. Patent No. Re. 36,111 Claim 9 9. A method for direct routing a telephone call from a first party who has an originating	Domino's uses a database to allocate the caller's ANI to latitude and longitude coordinates, to define geographic areas using predetermined criteria, and to assign the telephone number of the appropriate Domino's service location to the telephone number of the caller. Domino's The database used by Domino's is believed to be provided to a long distance carrier or equivalent platform service provider. Domino's Domino's Domino's has multiple service locations. Calls placed to, e.g., 1-800-DOMINOS are routed to
Claim 2 2. The system of claim 1 wherein said means for allocating, defining and assigning are comprised by a database. U.S. Patent No. Re. 36,111 Claim 3 3. The system of claim 2 wherein said database resides at a long distance telephone service provider. U.S. Patent No. Re. 36,111 Claim 9 9. A method for direct routing a telephone call from a first party who has an originating telephone number at a specific location defined	Domino's uses a database to allocate the caller's ANI to latitude and longitude coordinates, to define geographic areas using predetermined criteria, and to assign the telephone number of the appropriate Domino's service location to the telephone number of the caller. Domino's The database used by Domino's is believed to be provided to a long distance carrier or equivalent platform service provider. Domino's Domino's Domino's has multiple service locations. Calls placed to, e.g., 1-800-DOMINOS are routed to appropriate service locations as determined by
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Claim 2 2. The system of claim 1 wherein said means for allocating, defining and assigning are comprised by a database. U.S. Patent No. Re. 36,111 Claim 3 3. The system of claim 2 wherein said database resides at a long distance telephone service provider. U.S. Patent No. Re. 36,111 Claim 9 9. A method for direct routing a telephone call from a first party who has an originating telephone number at a specific location defined by latitude and longitude coordinates who dials a telephone number including digits uniquely	Domino's uses a database to allocate the caller's ANI to latitude and longitude coordinates, to define geographic areas using predetermined criteria, and to assign the telephone number of the appropriate Domino's service location to the telephone number of the caller. Domino's The database used by Domino's is believed to be provided to a long distance carrier or equivalent platform service provider. Domino's Domino's Domino's has multiple service locations. Calls placed to, e.g., 1-800-DOMINOS are routed to appropriate service locations as determined by
2. The system of claim 1 wherein said means for allocating, defining and assigning are comprised by a database. U.S. Patent No. Re. 36,111 Claim 3 3. The system of claim 2 wherein said database resides at a long distance telephone service provider. U.S. Patent No. Re. 36,111 Claim 9 9. A method for direct routing a telephone call from a first party who has an originating telephone number at a specific location defined by latitude and longitude coordinates who dials a telephone number including digits uniquely characteristic to a second party having a	Domino's uses a database to allocate the caller's ANI to latitude and longitude coordinates, to define geographic areas using predetermined criteria, and to assign the telephone number of the appropriate Domino's service location to the telephone number of the caller. Domino's The database used by Domino's is believed to be provided to a long distance carrier or equivalent platform service provider. Domino's Domino's Domino's calls placed to, e.g., 1-800-DOMINOS are routed to appropriate service locations as determined by Domino's criteria and the originating phone
Claim 2 2. The system of claim 1 wherein said means for allocating, defining and assigning are comprised by a database. U.S. Patent No. Re. 36,111 Claim 3 3. The system of claim 2 wherein said database resides at a long distance telephone service provider. U.S. Patent No. Re. 36,111 Claim 9 9. A method for direct routing a telephone call from a first party who has an originating telephone number at a specific location defined by latitude and longitude coordinates who dials a telephone number including digits uniquely characteristic to a second party having a plurality of service locations, said method	Domino's uses a database to allocate the caller's ANI to latitude and longitude coordinates, to define geographic areas using predetermined criteria, and to assign the telephone number of the appropriate Domino's service location to the telephone number of the caller. Domino's The database used by Domino's is believed to be provided to a long distance carrier or equivalent platform service provider. Domino's Domino's Domino's calls placed to, e.g., 1-800-DOMINOS are routed to appropriate service locations as determined by Domino's criteria and the originating phone
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coordinates to each originating telephone number of all potential first parties;	caller's ANI to latitude and longitude coordinates. A person having ordinary skill in the art would normally allocate latitude and longitude coordinates using readily available, programs, data bases, tables or other instrumentalities that convert telephone numbers to addresses, ZIP codes, ZIP+4 codes or other location identifiers. A well known example of this is a reverse telephone directory. Addresses, ZIP codes and ZIP+4 codes may then be geocoded to latitudes and longitudes
	using GISs, geocoding data bases or other
defining the houndaries of any or more	instrumentalities such as ESRI and MapInfo.
defining the boundaries of one or more geographical areas which can be of any size and shape according to predetermined criteria, each point along said boundaries being defined by latitude and longitude coordinates;	Domino's defines geographic areas using predetermined criteria. A person having ordinary skill in the art would normally use readily available programs or manual means to define boundaries with latitudes and longitudes. Examples of programs and manual means include GIS and physical overlay mapping.
assigning to each originating telephone number of said potential first parties of a service parties location of a second party that receive calls originating from within the boundary of a geographic area defined in said step of defining in which the individual latitude and longitude coordinates of the specific location of each of said potential fist parties lie;	Domino's uses a system that assigns the telephone number of the appropriate Domino's service location to the telephone number of the caller. A person having ordinary skill in the art would normally make this assignment using readily available programs that determine whether a point lies within a boundary. Examples of such programs are GISs. The GIS programs use PIP algorithmic techniques such as ray casting or winding numbers. The telephone number of the service location of the second party is associated with each geographic boundary is included with other data about the geographic area within the GIS or similar program. Once the PIP technique has identified which geographic area the latitude and longitude of the first party lies within, a union is made between the telephone number of the service location of the second party.
determining the originating telephone	Domino's uses a system that uses the ANI to
number of the first party from which said telephone call is to be routed; and	determine the caller's originating telephone number. A person having ordinary skill in the art would normally make this determination using readily available signaling protocols such as SS7 to obtain the ANI from the transmission or data networks that are part of the telecommunication network. For example, the SS7 IAM includes the originating telephone

	number.
directly routing said telephone call to a service location of the second party assigned to said originating telephone number of the first party by said step of assigning.	Domino's uses a database or look-up table in conjunction a telecommunications switching network to have the call directly routed to the appropriate Domino's service location.
U.S. Patent No. Re. 36,111 Claim 10	Domino's
10. The method of claim 9 wherein said steps of allocating, defining and assigning are performed in a database.	Domino's uses a database to allocate the caller's ANI to latitude and longitude coordinates, to define geographic areas using predetermined criteria, and to assign the telephone number of the appropriate Domino's service location to the telephone number of the caller.
U.S. Patent No. Re. 36,111	Domino's
Claim 11 11. The method of claim 10 wherein said database resides at a long distance telephone service provider. LLS Potent No. Bo. 26 111	The database used by Domino's is believed to be provided to a long distance carrier or equivalent platform service provider.
U.S. Patent No. Re. 36,111 Claim 17	Domino's
17. A system for direct routing a telephone call from a first party who has an originating telephone number at a physical location and who dials a telephone number including digits uniquely characteristic to a second party having a plurality of service locations, said system comprising:	Domino's has multiple service locations. Calls placed to, e.g., 1-800-DOMINOS are routed to appropriate service locations as determined by Domino's criteria and the originating phone number. <i>See</i> Exh. 4A.
means for allocating latitude and longitude coordinates to the physical location of all potential first parties;	The system used by Domino's allocates latitude and longitude coordinates to the location of the potential first parties. A person having ordinary skill in the art would normally provide this functionality using readily available, programs, data bases, tables or other instrumentalities that convert telephone numbers to addresses, ZIP codes, ZIP+4 codes or other location identifiers. A well known example of this is a reverse telephone directory. Addresses, ZIP codes and ZIP+4 codes may then be geocoded to latitudes and longitudes using GISs, geocoding data bases or other instrumentalities such as ESRI and MapInfo.
means for defining the boundaries of one or more geographical areas which can be of any size and shape according to predetermined criteria, each point along said boundaries being defined by latitude and longitude coordinates;	Domino's defines geographic areas using predetermined criteria. A person having ordinary skill in the art would normally provide this functionality using readily available programs or manual means to define boundaries with latitudes and longitudes. Examples of

29. A method for direct routing a telephone call	Domino's has multiple service locations. Calls
Claim 29	
U.S. Patent No. Re. 36,111	Domino's
20. The system of claim 17 wherein the physical location is defined by a ZIP code.	The physical location of the caller is mapped to a ZIP code.
Claim 20	
physical location is defined by a ZIP+4 code. U.S. Patent No. Re. 36,111	a ZIP+4 code. Domino's
19. The system of claim 17 wherein the	The physical location of the caller is mapped to
Claim 19	
first party by said means for assigning. U.S. Patent No. Re. 36,111	service location. Domino's
originating telephone number of the	route the call to the appropriate Domino's
of the second party assigned to said	telecommunications switching network to direct
said telephone call to a service location	or look-up table in conjunction a
direct routing means for directly routing	number. The system used by Domino's uses a database
	SS7 IAM includes the originating telephone
	telecommunication network. For example, the
	or data networks that are part of the
	as SS7 to obtain the ANI from the transmission
Touca, and	using readily available signaling protocols such
routed; and	art would normally provide this functionality
which said telephone call is to be	number. A person having ordinary skill in the
means for determining the originating telephone number of the first party from	The system used by Domino's uses the ANI to determine the caller's originating telephone
magns for determining the originating	location of the second party. The system used by Domino's uses the ANI to
	party and the telephone number of the service
	made between the telephone number of the first
	longitude of the first party lies within, a union is
	which geographic area the latitude and
	program. Once the PIP technique has identified
	boundary is included with other data about the geographic area within the GIS or similar
	second party is associated with each geographic
	telephone number of the service location of the
	as ray casting or winding numbers. The
potential first parties lie;	programs use PIP algorithmic techniques such
physical location of each of said	Examples of such programs are GISs. The GIS
and longitude coordinates of the	whether a point lies within a boundary.
geographic area in which the latitude	readily available programs that determine
from within the boundary of a	would normally provide this functionality using
party that will receive calls originating	caller. A person having ordinary skill in the art
number of a service location of a second	service location to the physical location of the
means for assigning to the physical location of said potential first parties a telephone	The system used by Domino's assigns the telephone number of the appropriate Domino's
moone for agginning to the physical leasting	The existen used by Domine's assistant the
	physical overlay mapping.

telephone number at a physical location and who dials a telephone number including digits uniquely characteristic to a second party having a plurality of service locations, said method comprising the steps of:	appropriate service locations as determined by Domino's criteria and the originating phone number. <i>See</i> Exh. 4A.
allocating latitude and longitude coordinates to the physical location of all potential first parties;	Domino's uses a system that allocates latitude and longitude coordinates to the location of the potential first parties. A person having ordinary skill in the art would normally allocate latitude and longitude coordinates using readily available, programs, data bases, tables or other instrumentalities that convert telephone numbers to addresses, ZIP codes, ZIP+4 codes or other location identifiers. A well known example of this is a reverse telephone directory. Addresses, ZIP codes and ZIP+4 codes may then be geocoded to latitudes and longitudes using GISs, geocoding data bases or other instrumentalities such as ESRI and MapInfo.
defining the boundaries of one or more geographical areas which can be of any size and shape according to predetermined criteria, each point along said boundaries being defined by latitude and longitude coordinates;	Domino's defines geographic areas using predetermined criteria. A person having ordinary skill in the art would normally use readily available programs or manual means to define boundaries with latitudes and longitudes. Examples of programs and manual means include GIS and physical overlay mapping.
assigning to the physical location of said potential first parties a telephone number of a service location of a second party that will receive calls originating from within the boundary of a geographic area in which the latitude and longitude coordinates of the physical location of each of said potential first parties lie;	Domino's uses a system that assigns the telephone number of the appropriate Domino's service location to the location of the potential first parties. A person having ordinary skill in the art would normally make this assignment using readily available programs that determine whether a point lies within a boundary. Examples of such programs are GISs. The GIS programs use PIP algorithmic techniques such as ray casting or winding numbers. The telephone number of the service location of the second party is associated with each geographic boundary is included with other data about the geographic area within the GIS or similar program. Once the PIP technique has identified which geographic area the latitude and longitude of the first party lies within, a union is made between the telephone number of the service location of the second party.
determining the originating telephone number of the first party from which said telephone call is to be routed; and	Domino's uses a system that uses the ANI to determine the caller's originating telephone number. A person having ordinary skill in the

directly routing said telephone call to a service location of the second party	art would normally make this determination using readily available signaling protocols such as SS7 to obtain the ANI from the transmission or data networks that are part of the telecommunication network. For example, the SS7 IAM includes the originating telephone number. Domino's uses a database or look-up table in conjunction a telecommunications switching
assigned to said originating telephone number of the first party by said step of assigning.	network to have the call directly routed to the appropriate Domino's service location.
U.S. Patent No. Re. 36,111	Domino's
Claim 31	
31. The method of claim 29 wherein the	The physical location of the potential first
physical location is defined by a ZIP+4 code. U.S. Patent No. Re. 36,111	parties is mapped to a ZIP+4 code. Domino's
Claim 32	Domino s
32. The method of claim 29 wherein the	The physical location of the potential first
physical location is defined by a ZIP code.	parties is mapped to a ZIP code.
U.S. Patent No. Re. 36,111	Domino's
Claim 41	
41. A method of constructing a database wherein said database is used by a telephone service provider for direct routing a telephone call from a first party who has an originating telephone number at a physical location and who dials one of an 800-type, 900-type or other special access code telephone number assigned to a second party, who has determined specific locations to receive calls originating from within pre-determined geographic areas, thereby allowing the first party to reach one of a plurality of locations of the second party based on geographic location from which the telephone call originate from within one of a plurality of geographic areas, said method comprising the steps of:	Domino's has multiple service locations. Calls placed to, e.g., 1-800-DOMINOS are routed to appropriate service locations as determined by Domino's criteria and the originating phone number. See Exh. 4A.
(a) assigning individual latitude and longitude coordinates to the physical location of all potential first parties;	Domino's has a database constructed that includes latitude and longitude coordinates assigned to the location of the potential first parties. A person having ordinary skill in the art would normally assign latitude and longitude coordinates using readily available, programs, data bases, tables or other instrumentalities that convert telephone numbers to addresses, ZIP codes, ZIP+4 codes or other location identifiers. A well known example of this is a reverse telephone directory.

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	Addresses, ZIP codes and ZIP+4 codes may then be geocoded to latitudes and longitudes
	using GISs, geocoding data bases or other
	instrumentalities such as ESRI and MapInfo.
(b) defining the boundaries of one or more	Domino's has a database constructed in which
geographic areas which can be of any size	geographic areas are defined using
and shape according to predetermined	predetermined criteria. A person having
criteria each point along said boundaries	ordinary skill in the art would normally use
being defined by latitude and longitude	readily available programs or manual means to
coordinates; and	define boundaries with latitudes and longitudes.
	Examples of programs and manual means
	include GIS and physical overlay mapping.
(c) assigning to the physical location of said	Domino's has a database constructed in which
potential first parties a telephone number	the telephone number of the appropriate
of a service location of a second party	Domino's service location is assigned to the
that will receive calls originating from	location of the potential first parties. A person
within the boundary of a geographic	having ordinary skill in the art would normally
territory in which the latitude and	make this assignment using readily available
longitude coordinates of the physical	programs that determine whether a point lies
location of each of said potential first	within a boundary. Examples of such programs
parties lies.	are GISs. The GIS programs use PIP
	algorithmic techniques such as ray casting or
	winding numbers. The telephone number of the
	service location of the second party is
	associated with each geographic boundary is
	included with other data about the geographic
	area within the GIS or similar program. Once the PIP technique has identified which
	geographic area the latitude and longitude of
	the first party lies within, a union is made
	between the telephone number of the first party
	and the telephone number of the service
	location of the second party.
U.S. Patent No. Re. 36,111	Domino's
Claim 43	
43. The method of claim 41 wherein step (a)	Domino's has a database that is constructed in
comprises the steps of:	part by:
(i) determining a ZIP+4 code of the physical	Mapping the physical location of the caller to a
location of each potential first party:	ZIP+4 code;
(ii) determining the latitude and longitude	Determining the latitude and longitude
coordinates of said ZIP+4 code; and	coordinates of the ZIP+4;
(iii) correlating the latitude and longitude coordinates of each ZIP+4 code to the	Correlating these latitude and longitude
	coordinates to the ANI of each potential first
telephone number of each potential first party.	party.
I S PAIGNI NA RA SA III	Domino's
U.S. Patent No. Re. 36,111 Claim 44	Domino's
Claim 44	Domino's Domino's has a database that is constructed in
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location of each potential first party;	first party to a ZIP code;
(ii) determining the latitude and longitude	Determining the latitude and longitude
coordinates of the ZIP code of each potential	coordinates of the ZIP code;
first party; and	
(iii) correlating the latitude and longitude	Correlating these latitude and longitude
coordinates of each ZIP code to the telephone	coordinates to the ANI of each potential first
number of each potential first party.	party.

U.S. Patent No. 5,805,689 Claim 1	Domino's
1. In a telephone system, a method of constructing a database wherein said database is used by a telephone service provider for direct routing a telephone call from a first party who dials one of an 800-type, 900-type or other special access code telephone number assigned to a second party, who has determined specific locations to receive calls originating from within pre-determined geographic areas, thereby allowing the first party to reach one of a plurality of locations of the second party based on geographic location of the first party from within one of a plurality of geographic areas, said method comprising the steps of:	Domino's has multiple service locations. Calls placed to, e.g., 1-800-DOMINOS are routed to appropriate service locations as determined by Domino's criteria and the originating phone number. <i>See</i> Exh. 4A.
a. assigning individual latitude and longitude coordinates to each telephone number of all potential first parties;	Domino's has a database constructed that includes latitude and longitude coordinates assigned to the ANI of the potential first parties. A person having ordinary skill in the art would normally assign latitude and longitude coordinates using readily available, programs, data bases, tables or other instrumentalities that convert telephone numbers to addresses, ZIP codes, ZIP+4 codes or other location identifiers. A well known example of this is a reverse telephone directory. Addresses, ZIP codes and ZIP+4 codes may then be geocoded to latitudes and longitudes using GISs, geocoding data bases or other instrumentalities such as ESRI and MapInfo.
 b. defining the boundaries of one or more geographic areas which can be of any size and shape according to pre-determined criteria; c. assigning to the telephone number of each 	Domino's has a database constructed in which geographic areas are defined using predetermined criteria. A person having ordinary skill in the art would normally use readily available programs or manual means to define boundaries with latitudes and longitudes. Examples of programs and manual means include GIS and physical overlay mapping. Domino's has database constructed in which the

potential first party a telephone number of a specific location of the second party that will receive calls originating from within a geographic area of each first party;	telephone number of the appropriate Domino's service location is assigned to the ANI of the potential first party. A person having ordinary skill in the art would normally make this assignment using readily available programs that determine whether a point lies within a boundary. Examples of such programs are GISs. The GIS programs use PIP algorithmic techniques such as ray casting or winding numbers. The telephone number of the service location of the second party is associated with each geographic boundary is included with other data about the geographic area within the GIS or similar program. Once the PIP technique has identified which geographic area the latitude and longitude of the first party lies within, a union is made between the telephone number of the first party and the telephone number of the service location of the second party.
d. determining in which geographic area a potential call might originate for each potential first party in the area encompassed by all geographic areas; and	Domino's has a database constructed in which the geographic area from which a call might originate is determined.
e. assigning the specific location of the second party to all potential first parties within the boundaries of each geographic area.	Domino's has a database constructed in which the appropriate Domino's service location is assigned to the potential first parties within the geographic area.
U.S. Patent No. 5,805,689 Claim 3	Domino's
3. The method of claim 1 wherein step a. further comprises the steps of:	Domino's has a database that is constructed in part by:
a. determining a ZIP+4 code of the address of each potential first party;	Mapping the address of each potential first party to a ZIP+4 code;
b. determining the latitude and longitude coordinates of said ZIP+4 code; and	Determining the latitude and longitude coordinates of the ZIP+4;
c. correlating the latitude and longitude coordinates of each ZIP+4 code to the telephone number of each potential first party.	Correlating these latitude and longitude coordinates to the ANI of each potential first party.

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